

Converting Colors

YIQ(174.7070, 18.7440, 45.7840)

Have a look what the booklet for
YIQ(174.7070, 18.7440, 45.7840)
contains.

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Color

**YIQ(174.7070, 18.7440,
45.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	DD8CE8
RGB	221, 140, 232
RGB Percent	87%, 55%, 91%
CMY	0.1331, 0.4511, 0.0902
CMYK	0.05, 0.40, 0.00, 0.09
HSL	293°, 67%, 73%
HSV	293°, 40%, 91%
XYZ	53.7770, 39.9547, 81.2222
YIQ	174.7070, 18.7440, 45.7840

Conversions

Conversions Part 2

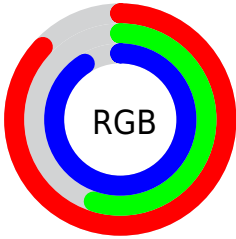
Format	Color
R _Y B	221, 140, 232
Decimal	14519528
CIE Lab	69.44, 45.28, -34.08
CIE LCh	69, 56.672, 323.034
Yxy	39.9547, 0.3074, 0.2284
Android (android.graphics.Color)	4292709608 (0xFFDD8CE8)
YUV	174.7070, 28.2454, 40.5990
Hunter-Lab	63.2097, 41.2455, -31.9387

Details

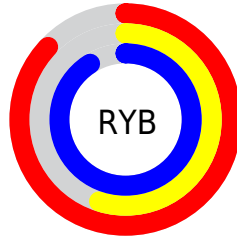
The YIQ color **174.7070, 18.7440, 45.7840** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **197.2930, -18.7440, -45.7840**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.7800, 16.5000, 31.3800**, and **120.1690, 17.3230, 44.0030** is the 20% darker color. If you saturate the color by 10%, you get **160.3090, 23.2810, 57.1770**, and if you desaturate by 10%, it is **189.1050, 14.2070, 34.3910**.

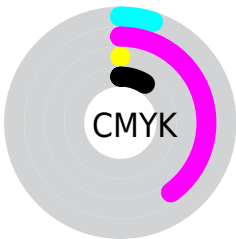
Distribution



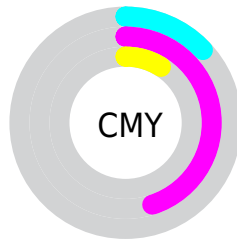
- Red (87%)
- Green (55%)
- Blue (91%)



- Red (87%)
- Yellow (55%)
- Blue (91%)



- Cyan (5%)
- Magenta (40%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (45%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.7070, 18.7440, 45.7840 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 174.7070, 18.7440, 45.7840 by changing the saturation by 10% instead.

174.7070, 18.7440,
45.7840

174.7070, 18.7440,
45.7840

255.0000, -0.0000,
-0.0000

146.9950, 17.8730,
45.0490

219.7800, 16.5000,
31.3800

120.1690, 17.3230,
44.0030

236.2160, 8.8000,
16.7360

94.3430, 16.7730,
42.9570

253.8260, 0.5500,
1.0460

68.0440, 16.1770,
42.7450

38.6360, 17.5060,
46.1940

25.9630, 11.7310,
35.2110

17.1760, 6.2770,

23.9170

■ 4.3660, -9.5380,
7.6620

■ 0.0000, 0.0000,
0.0000

■ 174.7070, 18.7440,
45.7840

■ 174.7070, 18.7440,
45.7840

■ 160.3090, 23.2810,
57.1770

■ 189.1050, 14.2070,
34.3910

■ 146.2100, 28.4140,
68.7820

■ 203.5030, 9.6700,
22.9980

■ 131.2250, 33.2260,
80.6980

■ 218.1890, 4.2620,
10.8700

■ 116.8270, 37.7630,
92.0910

■ 232.5870, -0.2750,
-0.5230

■ 102.4290, 42.3000,
103.4840

■ 246.3980, -4.5370,
-11.3930

■ 88.3300, 47.4330,
115.0890

■ 247.2950, -2.7490,
-10.7570

■ 87.4440, 47.1120,
115.4000

■ 247.8930, -1.5570,
-10.3330

■ 248.7900, 0.2310,
-9.6970

■ 249.6870, 2.0190,
-9.0610

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.0250, -35.5380, 27.3260



174.7070, 18.7440, 45.7840



170.5960, 58.5410, 45.9090

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



174.7070, 18.7440, 45.7840



165.3540, 59.5160, -21.3480



138.1770, -120.3930, -37.2970

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



174.7070, 18.7440, 45.7840



197.2930, -18.7440, -45.7840

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



131.5480, -103.1050, -53.2570



174.7070, 18.7440, 45.7840



160.4800, 23.3900, -38.4500

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



174.7070, 18.7440, 45.7840



167.6410, 78.7220, 5.0420



151.6170, -28.4640, -45.8400



140.1440, -132.8210, -21.3090

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



174.7070, 18.7440, 45.7840



166.6060, 69.7760, 35.0240



151.6170, -28.4640, -45.8400



136.2390, -114.9360, -42.5840

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



174.7070, 18.7440, 45.7840



235.6070, 6.1410, 15.3650



157.5320, -32.8320, 22.3360



116.5370, 3.1620, 8.7780



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



174.7070, 18.7440, 45.7840



178.9010, 24.6100, 60.6260



174.1200, 36.2140, 37.5420



107.3580, 2.1080, 5.8520



67.3490, 36.1130, 88.9530



19.2690, 10.4490, 25.4010

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



168.7620, 51.3010, 22.9250



171.0740, 68.2180, 30.2180



197.8800, -36.2140, -37.5420



106.8160, 6.5100, 3.1660



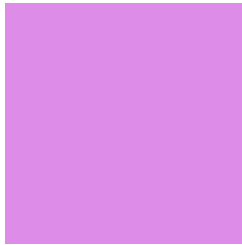
55.9150, 99.9430, 44.4790



15.9330, 28.4700, 12.6780

Previews

White Background



This preview shows how the YIQ color 174.7070, 18.7440, 45.7840 looks on a white background.

Color Contrast Check

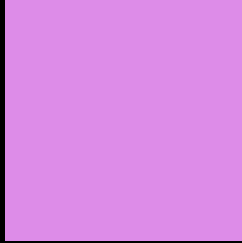
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 174.7070, 18.7440, 45.7840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

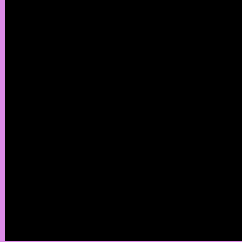
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 174.7070, 18.7440, 45.7840

Background



This preview shows how black text looks on a background with the YIQ color 174.7070, 18.7440, 45.7840.



This preview shows how white text looks on a background with the YIQ color 174.7070, 18.7440,

45.7840.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

174.7070, 18.7440, 45.7840

Protanopia

168.8450, -44.0190, 21.3330

Deuteranopia

170.2520, -26.4120, 16.1160



Tritanopia

172.7100, 30.7160, 16.0280

Trichromacy



Original Color

174.7070, 18.7440, 45.7840



Protanomaly

170.7340, -21.4170, 30.2230



Deuteranomaly

171.7860, -10.0000, 27.0560



Tritanomaly

173.4080, 26.1750, 26.7430

Monochromacy



Original Color

174.7070, 18.7440, 45.7840



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

174.8460, 6.9660, 16.9340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.7070, 18.7440, 45.7840 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(221, 140, 232)` looks like.

```
.text, #text, p{  
    color:rgb(221, 140, 232)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(221, 140, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 140, 232) }
```

Border

The CSS property to change the border of an element to YIQ 174.7070, 18.7440, 45.7840 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 140, 232) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(221, 140, 232) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(221, 140, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 140, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 140, 232);  
box-shadow:4px 4px 4px 4px rgb(221, 140,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 174.7070, 18.7440, 45.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 140, 232) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(221,  
140, 232) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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